

EAST Search History

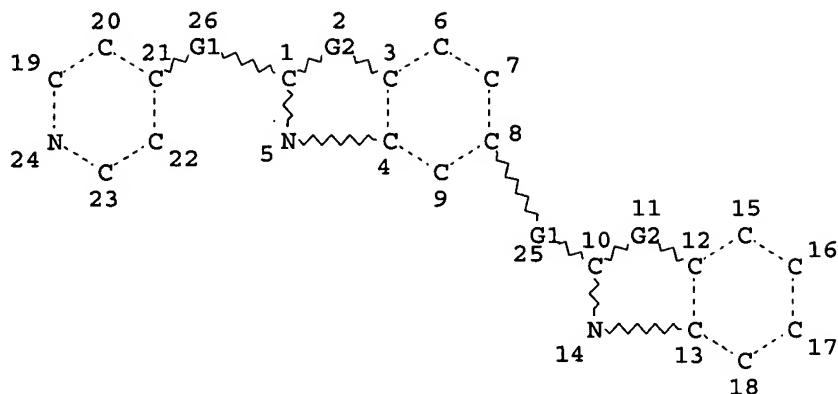
Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5656449").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:36
L2	684	(546/152).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:36
L3	2494	quinolinium	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:36
L4	33	2 and 3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:40
L5	84	546/270.1	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:46
L6	72	546/271.7	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:45
L7	135	546/273.4	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:45
L8	153	4 5 6	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:46
L9	357	(546/271.7).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:47
L10	477	(546/270.1).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:47
L11	393	(546/273.4).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:47

EAST Search History

L12	2	("0091011").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:48
L13	891	9 10 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:48
L14	31775	pyridinium	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:48
L15	117	13 and 14	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:49

10/605961

=> str l1
:dis



REP G1=(0-5) C

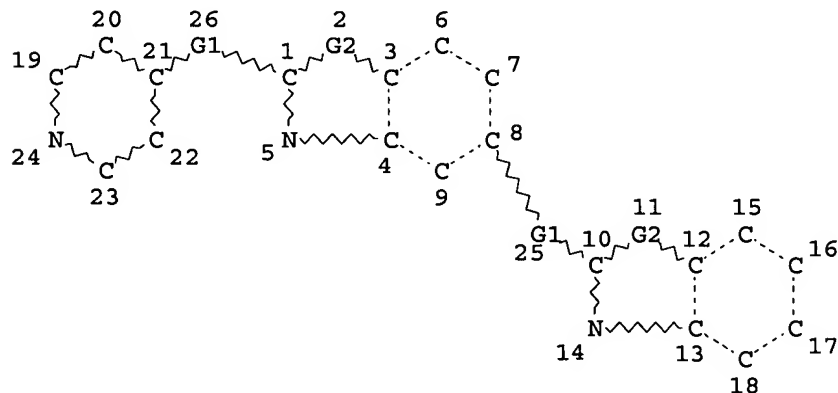
VAR G2=O/S/N

:bon r 19 u

ODD NUMBER OF NODES

An even number of nodes must be specified. Enter "HELP BOND" for more information.

:bon r u 19 20,dis



REP G1=(0-5) C

VAR G2=O/S/N

:end

L3 STRUCTURE CREATED

=> s l3

SAMPLE SEARCH INITIATED 13:39:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 408 TO ITERATE

100.0% PROCESSED 408 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 6949 TO 9371

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s l3 ful

FULL SEARCH INITIATED 13:39:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8384 TO ITERATE

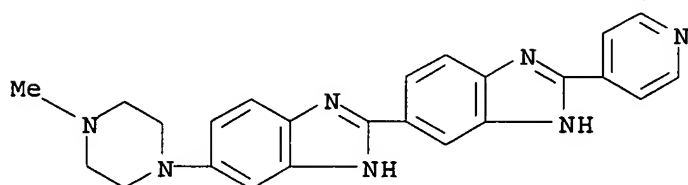
100.0% PROCESSED 8384 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

L5 1 SEA SSS FUL L3

=> d sub bib abs

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 308362-22-3 REGISTRY
ED Entered STN: 14 Dec 2000
CN 2,5'-Bi-1H-benzimidazole, 5-(4-methyl-1-piperazinyl)-2'-(4-pyridinyl)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H23 N7
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 139:101070 CA
TI Synthesis of 2,5'-bisbenzimidazole derivative
AU Xia, Min
CS Department of Applied Chemistry, Zhejiang Institute of Science and
Technology, Hangzhou, 310033, Peop. Rep. China
SO Huaxue Tongbao (2003), 66(3), 207-209
CODEN: HHTPAU; ISSN: 0441-3776
PB Huaxue Tongbao Bianjibu
DT Journal
LA Chinese
AB A novel method of preparation of
5-[5-(4-methyl-1-piperazinyl)-1H-benzimidazol-
2-yl]-2-(4-pyridinyl)-1H-benzimidazole by using the Schiff's base of
diamine derivs. with (diacetoxy)iodobenzene as oxidant was reported. The
operation was readily performed in one-pot with good yields under very
mild conditions.

REFERENCE 2

AN 134:4894 CA
TI Synthetic utility of catalytic Fe(III)/Fe(II) redox cycling towards fused
heterocycles: a facile access to substituted benzimidazole,
bis-benzimidazole and imidazopyridine derivatives
AU Singh, Malvinder P.; Sasmal, Sanjita; Lu, Wei; Chatterjee, Manashi N.
CS Department of Chemistry, University of Saskatchewan, Saskatoon, SK, S7N
5C9, Can.
SO Synthesis (2000), (10), 1380-1390
CODEN: SYNTBF; ISSN: 0039-7881

PB Georg Thieme Verlag

DT Journal

LA English

AB A catalytic Fe(III)/Fe(II) redox cycling approach was examined and applied towards synthesis of a wide range of benzimidazoles, bibenzimidazoles, and imidazopyridines from oxidative coupling of aromatic ortho-diamines with aromatic as well as heterocyclic aldehydes bearing different types of substituents. This versatile and convenient method has further proven to be particularly useful in expeditiously affording a number of novel bibenzimidazole class of Hoechst 33258 analogs towards potential development as fluorescent nucleic-acid-binding probes. The successful preparation and characterization of a diverse set of thirty different compds. is presented here.

RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil beil

FILE 'BEILSTEIN' ENTERED AT 13:40:11 ON 08 MAY 2006

COPYRIGHT (c) 2006 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE LAST UPDATED ON MARCH 15, 2006

FILE COVERS 1771 TO 2006.

*** FILE CONTAINS 9,516,393 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
separate documents and can not be searched together in one query.
Reaction data for BEILSTEIN compounds may be displayed
immediately with the display codes PRE (preparations) and REA
(reactions). A substance answer set retrieved after the search
for a chemical name, a compounds with available reaction
information by combining with PRE/FA, REA/FA or more generally